

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|--------|--|---|------------------|---------|---------------------|
| L3 | 121677 | (photodiode photo-diode) and @ad<"20061003" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/12 14:55 |
| L4 | 13835 | L3 and (optic\$2 near fiber) and (amplifier preamplifier) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/12 14:55 |
| L5 | 739 | 4 and ((conduct\$3 or metal) with (aperture open \$3)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/12 14:58 |
| L6 | 62 | 5 and (scatter\$3 same metal) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/12 14:58 |
| L8 | 4 | ("20020048301").PN. OR ("6741629").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/12/12 15:23 |
| L9 | 339681 | ((photo light) near3 (sensor detector)) photodiode photo-diode) and @ad<"20061003" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/12 15:36 |
| L10 | 21452 | L9 and (optic\$2 near fiber) and (amplifier preamplifier) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/12 15:36 |
| L11 | 2851 | L9 and (((optic\$2 near fiber) and (amplifier preamplifier)) same (case package)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/12 15:39 |

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|-----|-------|---|---|----|-----|---------------------|
| L12 | 1327 | I11 and coupler | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/12 15:39 |
| L13 | 5063 | photodiode and coupler and amplifier and source | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/12 16:00 |
| L14 | 4631 | I13 and @ad<"20061003" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/12 16:01 |
| L15 | 2460 | L3 and (optic\$2 near fiber) and ((amplifier preamplifier) with (amplif \$4 with electrical with signal)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/12 16:26 |
| L16 | 97011 | (photodiode photo-diode) and @ad<"20040405" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/12 16:33 |
| L17 | 1926 | L16 and (optic\$2 near fiber) and ((amplifier preamplifier) with (amplif \$4 with electrical with signal)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/12 16:33 |
| L18 | 13 | ("4037244" "4438331" "4525732" "4782222" "4803695" "4806997" "4864119" "4891815" "4894526" "5023685" "5028971" "5049965" "5150185").PN. OR ("5554882").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/12/12 16:42 |
| L19 | 2998 | photodiode and coupler and amplifier and (light near source) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/12 17:04 |

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| L20 | 0 | photodiode and coupler and (pre-amplifier with amplify with electrical with signal) and (light near source) and @ad<"20040405" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/12 17:05 |
| L21 | 1 | photodiode and coupler and (pre-amplifier with amplify with electrical with signal) and @ad<"20040405" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/12 17:06 |
| L22 | 103 | L16 and (optic\$2 near fiber) and ((preamplifier) with (amplifi\$4 with electrical with signal)) and @ad<"20040405" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/12 17:07 |
| L23 | 23 | L16 and (optic\$2 near fiber) and ((preamplifier) with (amplifi\$4 with electrical with signal)) and (coupler) and @ad<"20040405" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/12 17:17 |
| L24 | 128 | L16 and (optic\$2 near fiber) and (((preamplifier same (photodiode photo near detector)) same (case package enclosure))) and @ad<"20040405" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/12 17:34 |
| L25 | 16 | l24 and coupler | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/12 17:49 |
| L26 | 2 | ("20040151442").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/12/12 19:32 |
| S1 | 1 | "10599609" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/03 20:19 |

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| S2 | 10 | ("20030160250" "20030185135" "4864119" "5451769" "6236033").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/03 23:19 |
| S3 | 4 | ("2003/0185135").URPN. | USPAT | OR | OFF | 2008/12/03 23:24 |
| S4 | 68 | ("3866037" "4360273" "4405238" "4411013" "4556790" "4659429" "4662747" "4815854" "4891830" "5250812" "5306902" "5351127" "5354985" "5451980" "5570139" "5633972" "5663798" "5789742" "5933233" "5973316" "6040936" "6052238"). PN. OR ("6236033"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/12/03 23:25 |
| S5 | 55 | ("20030123125" "20030128949" "20030173501" "20050068541" "20050161589" "20050175939" "20060039009" "20060083350" "4410454" "4659429" "4662747" "4815854" "4891830" "4997278" "5202939" "5250812" "5306902" "5351127" "5354985" "5359681" "5451980" "5455594" "5550373" "5570139" "5633972" "5647030" "5663798" "5666195" "5784507" "5789742" "5835645" "5864641" "5933233" "5946083" "5973316" "5986808" "6014251" "6040936" "6044981" "6052238" "6097456" "6111248" "6147756" "6151114" "6191847" "6236033" "6282005" "6285020" "6326004" "6441298" "6514936" "6525880" "6539156" "6797405" "7319560").PN. OR ("7426040").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/12/03 23:27 |

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| S6 | 1520 | 257/292.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/11 14:43 |
| S7 | 1283 | S6 and @ad<"20061003" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/11 14:45 |
| S8 | 163 | 369/112.21.ccls. and @ad<"20061003" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/11 14:58 |
| S9 | 336407 | ((photo light) near3 (sensor detector)) photodiode) and @ad<"20061003" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/11 15:23 |
| S10 | 339681 | ((photo light) near3 (sensor detector)) photodiode photo-diode) and @ad<"20061003" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/11 15:24 |
| S11 | 624368 | (conduct\$3 or metal) with (aperture open\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/11 17:06 |
| S12 | 191627 | (semiconductor near layer) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/11 17:08 |
| S13 | 339681 | ((photo light) near3 (sensor detector)) photodiode photo-diode) and @ad<"20061003" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/11 17:09 |

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| S14 | 1041 | S11 and S12 and S13 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/11 17:09 |
| S15 | 700 | S14 and wavelength | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/11 17:10 |
| S16 | 195 | S15 and periodic | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/11 17:11 |
| S17 | 325 | S15 and (periodic waveguide) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/11 17:11 |
| S18 | 320 | S17 and light | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/11 17:11 |
| S19 | 325 | S17 and @ad<"20061003" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/11 17:12 |
| S20 | 275 | S19 and (electrode or (anode cathode)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/11 17:14 |
| S21 | 5 | ("5308779" "5663078" "5840602" "6429145" "6846715").PN. OR ("7288446").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/12/11 17:36 |
| S22 | 6 | ("3849678" "5132541" "5448099").PN. OR ("6774448").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/12/11 17:41 |

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|-----|----|---|---|----|-----|---------------------|
| S23 | 10 | ("20030160250" "20030185135" "4864119" "5451769" "6236033").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/11 17:47 |
| S24 | 2 | ("20030173501").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/12/11 19:06 |
| S25 | 3 | "2003287656" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/12/11 19:08 |
| S26 | 10 | ("2629800" "3448351"). PN. OR ("4864119"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/12/11 19:11 |
| S27 | 13 | ("4037244" "4438331" "4525732" "4782222" "4803695" "4806997" "4864119" "4891815" "4894526" "5023685" "5028971" "5049965" "5150185").PN. OR ("5554882").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/12/11 19:12 |
| S28 | 2 | ("20030185135").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/12/11 19:17 |
| S29 | 4 | ("2003/0185135").URPN. | USPAT | OR | OFF | 2008/12/11 19:17 |
| S30 | 0 | ("2003/160250").URPN. | USPAT | OR | OFF | 2008/12/11 19:21 |
| S31 | 2 | ("2003160250").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/12/11 19:21 |
| S32 | 2 | "5451769".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2008/12/11 19:22 |

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| S33 | 30 | ("2668184" "2897421" "2898525" "3440427" "3622844" "4593304" "4626884" "4807006" "4999695" "5045681" "5214275" "5222162" "5222175").PN. OR ("5451769").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/12/11 19:22 |
| S34 | 0 | "2000222765" | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/12/11 19:29 |
| S35 | 0 | "200222765" | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/12/11 19:30 |
| S36 | 0 | "2000222765" | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/12/11 19:30 |
| S37 | 339681 | ((photo light) near3 (sensor detector)) photodiode photo-diode) and @ad<"20061003" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/11 19:57 |
| S38 | 1263 | S37 and (scatter\$3 with metal) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/11 19:58 |
| S39 | 339681 | ((photo light) near3 (sensor detector)) photodiode photo-diode) and @ad<"20061003" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/11 23:16 |
| S40 | 1263 | S39 and (scatter\$3 with metal) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/11 23:16 |
| S41 | 36 | S40 and ((impurity dop\$3 with (lower higher greater)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/11 23:16 |
| S42 | 16775 | S39 and (optical near fiber) and (amplifier or (pre near amplifier)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/12 00:51 |

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| S43 | 104 | S40 and (optical near fiber) and (amplifier or (pre near amplifier)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/12 00:52 |
| S44 | 3 | ("20010004348" "20030066944").PN. OR ("6689545").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2008/12/12 01:06 |
| S45 | 339681 | ((photo light) near3 (sensor detector)) photodiode photo-diode) and @ad<"20061003" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/12 11:47 |
| S46 | 152 | S45 and ((scatter\$3 with metal) same (aperture hole open\$3)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/12 11:47 |
| S47 | 121677 | (photodiode photo-diode) and @ad<"20061003" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/12 12:03 |
| S48 | 75 | S47 and ((scatter\$3 with metal) same (aperture hole open\$3)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2008/12/12 12:04 |

12/ 12/ 2008 7:57:03 PM

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